

**Notice of Allowability**

Application No.

09/759,843

Examiner

Tesfaldet Bocure

Applicant(s)

LE STRAT ET AL.

Art Unit

2631

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/26/01 & 10/4/04.
2. ☒ The allowed claim(s) is/are 1-6 and 15-17, renumbered as 1-9.
3. ☒ The drawings filed on 26 March 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 3/26/01
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

**REASONS FOR ALLOWANCE**

1. The following is an examiner's statement of reasons for allowance: The claimed subject matter in claims 1-6 and 15-17 is allowable because the arts of record fail to teach or fairly suggest the claimed "method of processing  $X$  streams of information symbols to be transmitted on  $Y$  communication channels,  $X$  and  $Y$  being positive integers, in which the  $Y$  communication channels simultaneously occupy a transmission resource organized as successive frames, in which the successive frames include compressed-mode frames having at least one inactive period during which no symbol is transmitted, in which the information symbols of each stream  $i$  ( $1 \leq i \leq X$ ) are transmitted in the course of successive transmission time intervals each comprising  $F_i$  consecutive frames,  $F_i$  being a positive integer, and in which, for each transmission time interval relating to a stream  $i$  ( $1 \leq i \leq X$ ), integers  $E_i$ ,  $\Delta N_i^{TTI}$  and  $\Delta N_i^{CM}$  are defined such that  $E_i > 0$ ,  $\Delta N_i^{CM} < 0$  if said transmission time interval comprises at least one compressed-mode frame and  $\Delta N_i^{CM} = 0$  if the said transmission time interval does not comprise any compressed-mode frame, the method comprising the following steps for each transmission time interval relating to a stream  $i$  ( $1 \leq i \leq X$ ) comprising in combination of the generating first through seventh symbols as claimed in claims 1, 4 and 15."

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

2. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. US patent numbers 5,530,301 and 5,539,730 issued to Williards et al. and Dent respectively disclose a transmission system having means for generating a compressed frame.

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tesfaldet Bocure whose telephone number is (571) 272-3015. The examiner can normally be reached on Mon-Thur (7:30a-5:00p) & Mon.-Fri (7:30a-5:00p).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mohammad H Ghayour can be reached on (571) 272-3021. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

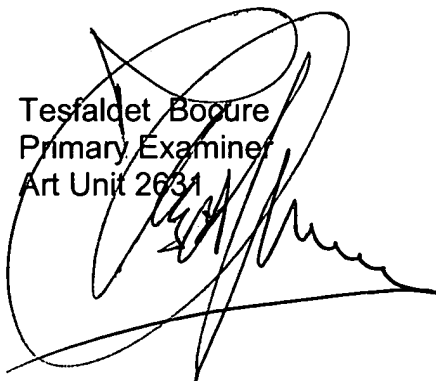
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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T.Bocure

Tesfaldet Bocure  
Primary Examiner  
Art Unit 2631

A large, stylized handwritten signature in black ink, overlapping the printed name and title of the examiner. The signature is fluid and cursive, with a prominent loop at the top and a long, sweeping tail.